

WHAT IS CLAIMED IS:

1 1. A system for providing an application service in a converged service creation
2 environment, the system comprising:
3 an application server;
4 an application, the application coupled to the application server;
5 one or more open application programming interfaces, the one or more application
6 programming interfaces coupled to the application server; and
7 service session management logic, the service session management logic coupled to
8 the application server.

1 2. The system of claim 1, wherein the one or more open application programming
2 interfaces are selected from the group consisting of an open broadband service application
3 programming interface and an open narrowband application programming interface.

1 3. The system of claim 1, wherein the application is a network application.

1 4. The system of claim 3, wherein the network application receives a service request.

1 5. The system of claim 4, wherein the network application sends a service applet, the
2 sending of the service applet based at least in part on the service request.

1 6. The system of claim 4, wherein the network application sends a service session
2 instruction to the service session management logic, the service session instruction based at
3 least in part on the service request.

1 7. The system of claim 6, further comprising a soft switch, the soft switch coupled to
2 the service session management logic.

1 8. The system of claim 7, wherein the service session management logic sends a
2 communications session instruction to the softswitch, the communications session
3 instruction based at least in part on the service session instruction.

1 9. The system of claim 8, wherein the softswitch sends a first communication setup
2 instruction to a service server and a second communication setup instruction to a customer
3 data device, the first communication setup instruction and the second communication setup
4 instruction based at least in part on the communications session instruction.

1 10. The system of claim 6, wherein the service session management logic sends a first
2 communication setup instruction to a service server and a second communication setup
3 instruction to a customer data device, the first communication setup instruction and the
4 second communication setup instruction based at least in part on the service session
5 instruction.

1 11. A system for providing an application service in a converged service creation
2 environment, the system comprising:
3 a data network;
4 a customer data device, the customer data device in communication with the data
5 network, the customer data device including a service applet;
6 an application server, the application server in communication with the data
7 network;
8 an application, the application in communication with the application server, the
9 application corresponding to the service applet of the customer data device;
10 one or more open application programming interfaces, the one or more application
11 programming interfaces in communication with the application server; and
12 service session management logic, the service session management logic in
13 communication with the application server.

1 12. The system of claim 11, the system further comprising a plurality of service
2 servers, the plurality of service servers in communication with the service session
3 management logic.

1 13. The system of claim 12, wherein the one or more open application programming
2 interfaces are selected from the group consisting of an open broadband service application
3 programming interface and an open narrowband application programming interface.

1 14. The system of claim 13, wherein the application is a network application.

1 15. The system of claim 14, wherein the network application receives a service request.

1 16. The system of claim 15, wherein the network application sends a service session
2 instruction to the service session management logic, the service session instruction based at
3 least in part on the service request.

1 17. The system of claim 16, wherein the service session management logic sends a first
2 communication setup instruction to a service server and a second communication setup
3 instruction to a customer data device, the first communication setup instruction and the
4 second communication setup instruction based at least in part on the service session
5 instruction.

1 18. A method for providing an application service in a converged service creation
2 environment, the method comprising:
3 receiving a service request from a customer data device, the customer data device
4 including a service applet;
5 generating a service session instruction, the service session instruction based at
6 least in part on the service request;
7 sending the service session instruction to one or more open application
8 programming interfaces, the service session instruction corresponding to one or more
9 communication sessions;
10 sending a service response to the customer data device, the service response based
11 at least in part on the service request;
12 receiving an event notification from one or more open application programming
13 interfaces, the event notification corresponding to the service session instruction; and
14 sending an event confirmation, the event confirmation based at least in part on the
15 event notification.

1 19. The method of claim 18, wherein receiving a service request from a customer data
2 device includes sending a service applet to the customer data device.

1 20. The method of claim 18, wherein the one or more open application programming
2 interfaces includes an open application programming interface selected from the group
3 consisting of an open broadband service application programming interface and an open
4 narrowband service application programming interface.

1 21. The method of claim 18, wherein the one or more open application programming
2 interfaces includes a plurality of open application programming interfaces selected from
3 the group consisting of an open broadband service application programming interface and
4 an open narrowband service application programming interface.

1 22. The method of claim 18, further comprising sending one or more communications
2 session instructions, the one or more communication session instructions based at least in
3 part on the service session instruction.

1 23. The method of claim 22, further comprising sending a first communication setup
2 instruction and a second communication setup instruction, the first communication setup
3 instruction and the second communication setup instruction based at least in part on a
4 communication session instruction of the one or more communication setup instructions.

1 24. The method of claim 18, further comprising sending a first communication setup
2 instruction and a second communication setup instruction, the first communication setup
3 instruction and the second communication setup instruction based at least in part on the
4 service session instruction.

1 25. A system for providing an application service in a converged service creation
2 environment, the system comprising:
3 means for receiving a service request from a customer data device, the customer
4 data device including a service applet;
5 means for generating a service session instruction, the service session instruction
6 based at least in part on the service request;
7 means for sending the service session instruction to one or more open application
8 programming interfaces, the service session instruction corresponding to one or more
9 communication sessions;
10 means for sending a service response to the customer data device, the service
11 response based at least in part on the service request;
12 means for receiving an event notification from one or more open application
13 programming interfaces, the event notification corresponding to the service session
14 instruction; and
15 means for sending an event confirmation, the event confirmation based at least in
16 part on the event notification.

1 30. A computer-readable medium storing a plurality of instructions adapted to be
2 executed by a processor for providing an application service in a converged service
3 creation environment, the plurality of instructions comprising instructions to:
4 receive a service request from a customer data device, the customer data device
5 including a service applet;
6 generate a service session instruction, the service session instruction based at least
7 in part on the service request;
8 send the service session instruction to one or more open application programming
9 interfaces, the service session instruction corresponding to one or more communication
10 sessions;
11 send a service response to the customer data device, the service response based at
12 least in part on the service request;
13 receive an event notification from one or more open application programming
14 interfaces, the event notification corresponding to the service session instruction; and
15 send an event confirmation, the event confirmation based at least in part on the
16 event notification.

1 31. The computer-readable medium of claim 30, wherein the one or more open
2 application programming interfaces includes an open application programming interface
3 selected from the group consisting of an open broadband service application programming
4 interface and an open narrowband service application programming interface.

5 32. The computer-readable medium of claim 30, further comprising instructions to
6 send one or more communications session instructions, the one or more communication
7 session instructions based at least in part on the service session instruction.

1 33. The computer-readable medium of claim 32, further comprising instructions to
2 send a first communication setup instruction and a second communication setup
3 instruction, the first communication setup instruction and the second communication setup
4 instruction based at least in part on a communication session instruction of the one or more
5 communication setup instructions.

1 34. The computer-readable medium of claim 30, further comprising instructions to
2 send a first communication setup instruction and a second communication setup
3 instruction, the first communication setup instruction and the second communication setup
4 instruction based at least in part on the service session instruction.

1 35. A method for providing an application service in a converged service creation
2 environment, the method comprising:
3 a step for receiving a service request from a customer data device, the customer
4 data device including a service applet;
5 a step for generating a service session instruction, the service session instruction
6 based at least in part on the service request;
7 a step for sending the service session instruction to one or more open application
8 programming interfaces, the service session instruction corresponding to one or more
9 communication sessions;
10 a step for sending a service response to the customer data device, the service
11 response based at least in part on the service request;
12 a step for receiving an event notification from one or more open application
13 programming interfaces, the event notification corresponding to the service session
14 instruction; and
15 a step for sending an event confirmation, the event confirmation based at least in
16 part on the event notification.